

RAW SEQUENCE LISTING

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Application Serial Number: 10/511,327
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RAW SEQUENCE LISTING

DATE: 05/05/2005

PATENT APPLICATION: US/10/511,327

TIME: 10:29:27

Input Set : A:\2005-01-19 0933-0230PUS1.ST25.txt

Output Set: N:\CRF4\05052005\J511327.raw

3 <110> APPLICANT: Harri SAVILAHTI et al.
 5 <120> TITLE OF INVENTION: METHOD AND MATERIALS FOR PRODUCING DELETION DERIVATIVES OF
 POLYPEPTIDES

7 <130> FILE REFERENCE: 0933-0230PUS1
 9 <140> CURRENT APPLICATION NUMBER: US 10/511,327
 10 <141> CURRENT FILING DATE: 2004-10-15
 12 <160> NUMBER OF SEQ ID NOS: 16
 14 <170> SOFTWARE: PatentIn Ver. 2.1
 16 <210> SEQ ID NO: 1
 17 <211> LENGTH: 54
 18 <212> TYPE: DNA
 19 <213> ORGANISM: Artificial Sequence
 21 <220> FEATURE:
 22 <223> OTHER INFORMATION: Description of Artificial Sequence: Modified Mu
 23 end sequence
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 31 <212> TYPE: DNA
 32 <213> ORGANISM: Artificial Sequence
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 35 <223> OTHER INFORMATION: Description of Artificial Sequence: Modified Mu
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 42 cggctattta acgaccctgc cctgaaccga cgaccgggtc gaatttgctt tccaatttct 240
 43 gccattcatc cgcttattat cacttattca ggcgtagcaa ccaggcggtt aagggcacca 300
 44 ataactgcct taaaaaaatt acgccccgcc ctgccactca tcgcagtact gttgtaattc 360
 45 attagcatt ctgccgacat ggaagccatc acaaacggca tgatgaacct gaatcgccag 420
 46 cggcatcagc accttgctgc ctgctgtata atatttgccc atggtgaaaa cgggggagca 480
 47 gaagtgtcc atattggcca cgttttaaata aaaactggtg aaactcacc agggattggc 540
 48 tgagacgaaa aacatattct caataaacc tttagggaaa taggccagg tttcaccgta 600
 49 acacgccaca tcttgccaat atatgtgtag aaactgccgg aaatcgctcg ggtattcact 660
 50 ccagagcgat gaaaacggtt cagtttgctc atggaaaacg gtgtaacaag ggtgaacat 720
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 52 caggcgggca agaattgtga taaaggccgg ataaaacttg tgcttatttt tctttacggt 840
 53 cttaaaaaag gccgtaatat ccagctgaac ggtctgggta taggtacatt gagcaactga 900
 54 ctgaaatgcc tcaaaatggt ctttacgatg ccattgggat atatcaacgg tggatatatc 960
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 56 tacgcccggg agtgatctta ttccattatg gtgaaagttg gaacctctta cgtgccgatc 1080
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58 atttatttat tctgcgaagt gatcttccgt cacaggtatt tattcggtcg aaaaggatcc 1200
59 gttttcgcatt ttatcgtgaa acgctttcgc gtttttcggt caatcaatca gatc      1254
62 <210> SEQ ID NO: 3
63 <211> LENGTH: 54
64 <212> TYPE: DNA
65 <213> ORGANISM: Bacteriophage Mu
67 <400> SEQUENCE: 3
68 gatctgaagc ggcgcacgaa aaacgcgaaa gcgtttcacg ataaatgcga aaac      54
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77 <223> OTHER INFORMATION: Description of Artificial Sequence: Modified Mu
78     end sequence
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91     end sequence without 5' overhang
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98 <211> LENGTH: 19
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100 <213> ORGANISM: Artificial Sequence
102 <220> FEATURE:
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104     primer
106 <400> SEQUENCE: 6
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122 tcgtgctcct gtcgttgagg acccggttag gctggcgggg ttgccttact ggtagcaga 180
123 atgaatcacc gatacgcgag cgaacgtgaa gcgactgctg ctgcaaaacg tctgcgacct 240
124 gagcaacaac atgaatgggtc ttcggtttcc gtgtttcgta aagtctggaa acgcggaagt 300
125 cagcgccctg caccattatg ttccggatct atgtcgggtg cggagaaaga ggtaatgaaa 360

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128 attaatTTTA ttgttcaaAC atgagagctt agtacgtgaa acatgagagc ttagtacggt 540
129 agccatgaga gcttagtacg ttagccatga gggtttagtt cgTTaaacat gagagcttag 600
130 tacgtTaaac atgagagctt agtacgtgaa acatgagagc ttagtacgta ctatcaacag 660
131 gttgaactgc tgatcttcgg atctatgtcg ggtgcggaga aagaggtaat gaaatggcag 720
132 atccctggct tgttgtccac aaccgtTaaa cctTaaaagc tttaaaagcc ttatatattc 780
133 ttttttttct tataaaactt aaaaccttag aggctattta agttgctgat ttatattaat 840
134 tttattgttc aaacatgaga gcttagtacg tgaacatga gagcttagta cgTtagccat 900
135 gagagcttag tacgttagcc atgagggttt agttcgTtaa acatgagagc ttagtacggt 960
136 aaacatgaga gcttagtacg tgaacatga gagcttagta cgtactatca acaggttgaa 1020
137 ctgctgatct tcggatctat gtcgggtgcg gagaaaggag taatgaaatg gcatccggat 1080
138 ctgcatcgca ggatgctgct ggctaccctg tggaacacct acatctgtat taacgaagca 1140
139 ttattgaagc atttatcagg gttattgtct catgagcgga tacatatTTg aatgtattta 1200
140 gaaaaataaa caaatagggg ttccgcgcac atttccccga aaagtgccac ctgacgtcta 1260
141 agaaaccatt attatcatga cattaacctt taaaaatagg cgtatcacga ggccctttcg 1320
142 tcttcaagaa ttctcatggt tgacagctta tcatcgataa gctttaatgc ggtagtttat 1380
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145 cgggcctctt gcgggatatc gtccattccg acagcatcgc cagtcaactat ggcgtgctgc 1560
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172 aacaaaatag atctaaaacta tgacaataaa gtcttaaaact agacagaata gttgtaaact 3180
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175 ggccgctaac tataacggtc ctaaggtagc gagtttaaac gatatcggtat ccggccgccc 3360
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177 atccagccag aaagtgaagg agccacggtt gatgagagct ttgtttaggagg tggaccagtt 3480
178 ggtgattttg aacttttgct ttgccacgga acggtctgcg ttgtcgggaa gatgcgtgat 3540
179 ctgatccttc aactcagcaa gagttcgatt tattcaacaa agccgccggtc ccgtcaagtc 3600
180 agcgtaatgc tctgccagtg ttacaaccaa ttaaccaatt ctgattagaa aaactcatcg 3660
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182 agccgtttct gtaatgaagg agaaaactca ccgaggcagt tccataggat ggcaagatcc 3780
183 tggatcgggt ctgcgattcc gactcgtcca acatcaatac aacctattaa tttcccctcg 3840
184 tcaaaaataa ggttatcaag tgagaaatca ccatgagtga cgactgaatc cggtgagaat 3900
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188 aacactgcca gcgcatcaac aatattttca cctgaatcag gatattcttc taatacctgg 4140
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190 aaatgcttga tggtcggaag aggcataaat tccgtcagcc agtttagtct gaccatctca 4260
191 tctgtaacat cattggcaac gctacctttg ccatgtttca gaaacaactc tggcgcatcg 4320
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193 ttatacccat ataaatcagc atccatgttg gaatttaatc gcggcctcga gcaagacgtt 4440
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198 tagcttacga cgctacaccc agttcccatc tattttgtca ctcttcccta aataatcctt 4740
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200 gcttttctgt gact 4814
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213 acggtgagtg agtagaaaat agttgggaac tggga 35
216 <210> SEQ ID NO: 9
217 <211> LENGTH: 43
218 <212> TYPE: DNA
219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
222 <223> OTHER INFORMATION: Description of Artificial Sequence:
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225 <400> SEQUENCE: 9
226 cgtatgagtg agtagaataa agtcttaaac tgaacaaaat aga 43
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231 <212> TYPE: DNA
232 <213> ORGANISM: Artificial Sequence
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255 <210> SEQ ID NO: 12
256 <211> LENGTH: 21
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275     Oligonucleotide primer
277 <400> SEQUENCE: 13
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281 <210> SEQ ID NO: 14
282 <211> LENGTH: 50
283 <212> TYPE: DNA
284 <213> ORGANISM: Bacteriophage Mu
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